

AGATHA MAY ESGUERRA

Software Developer | Odoo ERP Implementation Consultant

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SUMMARY

Odoo Programmer with hands-on ERP implementation experience gained at SAPExperts Inc., delivering Odoo (16/18/19) solutions across hospitality, cooperative, distribution, and security-services clients, alongside a background in Java, Python, and full-stack web development. Configures custom Odoo features and modules from scratch and via Odoo Studio, translating client business processes into functional systems, with Linux server administration experience. Also delivers freelance full-stack development and automation work using Zoho, Zapier, ManyChat, and Make, alongside AWS server administration (EC2, PostgreSQL, Nginx). Formerly at Pixel8 Web Solutions, delivering automation scripts that cut manual workloads by up to 60%. Diploma in Information Technology graduate and consistent President's Lister.

TECHNICAL SKILLS

ERP & Business Systems: Odoo (16/18/19 Community & Enterprise) implementation, custom module development, Studio, server automations, QWeb reports, ORM scripting, multi-company/multi-warehouse configuration, Philippine localization (110n_ph, BIR forms, VAT), Zoho (CRM, Sales, Books/Accounting modules, POS integration)

Programming Languages: Java, JavaScript, Python, PHP, C#

Web Development: HTML, CSS, Django, Vue.js, Angular, React.js, Elementor, Bubble.io

Databases: MySQL, PostgreSQL

Data Analysis: Python (Pandas, NumPy), Excel, MySQL, Bubble database tools

Server & DevOps: AWS (EC2), Linux/Ubuntu administration, Nginx, Gunicorn, systemd, Let's Encrypt SSL, Git

Automation & Integration: Zapier, Make, ManyChat

Testing & Tools: Insomnia, Codeception, Figma, Agora.io

PROFESSIONAL EXPERIENCE

Odoo Programmer | SAPExperts Inc.

January 2026 - Present

Full-time role configuring and building custom Odoo features for clients, translating business requirements into functional ERP systems.

- Configure custom Odoo features and modules from scratch and using Odoo Studio to meet client-specific business requirements.
- Analyze client business processes and translate them into functional Odoo systems ready for production use.
- Implement and customize Odoo (16/18/19 Community & Enterprise) for clients across hospitality management, trading/distribution, cooperative finance, and security services, managed on a self-hosted multi-version AWS EC2 environment.
- Build and debug custom Odoo modules and Studio customizations, including server automations, QWeb PDF reports, CRM pipelines with custom fields and automation rules, and metered-billing systems with rate-plan and related-field logic.
- Design and load demo/production data via ORM Python scripts and Excel import workbooks covering products, contacts, sales orders, warehouse/inventory, and Philippine tax localization (BIR forms, 12% VAT).
- Configure multi-company and multi-warehouse environments across concurrent client projects.
- Administer and work within Linux server environments supporting client Odoo deployments, including AWS EC2 infrastructure (PostgreSQL, systemd, Nginx), resolving disk-space, filestore corruption, and service-configuration issues.

Freelance Developer

April 2025 - Present

Ongoing freelance work delivering full-stack web solutions and business automation for independent clients.

- Configured and customized Zoho CRM, Sales, and Books (Accounting) modules for freelance clients, including connecting their point-of-sale (POS) system with Zoho.

- Gained early hands-on exposure to Odoo by integrating it with ManyChat and Zapier to automate lead capture, order processing, and CRM updates, reducing manual work by 60% and cutting inquiry response time from hours to minutes.
- Developed a POS and inventory system with streamlined transaction and stock management features.
- Built and deployed Picklers Lounge, a Django-based pickleball court booking system, to AWS with Gunicorn, Nginx, and Let's Encrypt SSL, including admin analytics dashboards and booking management tools.
- Scoped and proposed a court camera recording system (React, Django, FFmpeg, PostgreSQL) for a pickleball facility client.
- Created a Learning Management System (LMS) using PyCharm and Tkinter for interactive, offline learning.
- Developing a bidding website with integrated marketplace and livestreaming features using Bubble.io.

Software Developer Intern | Pixel8 Web Solutions and Consultancy Inc. *July 2024 - September 2024*

Developed data-driven solutions and optimized backend systems for small business clients, focusing on data processing and analytics workflows.

- Built scripts to automate data validation, reducing manual processing time by 30% for backend teams.
- Optimized MySQL database queries for REST APIs, improving data retrieval efficiency by 15%, using Insomnia for testing.
- Implemented automated testing with Codeception, identifying and resolving 20+ data inconsistencies pre-launch.
- Collaborated with a 3-member team to build the OBLAS Employee Management System, enabling secure CRUD operations for 200+ users.

Information Technology Intern | Knowles Training Institute *February 2025 - April 2025*

Contributed to data-driven web enhancements and Java-based analytical tools, improving system performance and user engagement.

- Enhanced SSGC website with WordPress and Elementor, improving data load efficiency by 45% through optimized database queries.
- Developed data visualization features using JavaScript, increasing user engagement with interactive analytics displays.
- Built a Java-based analytical tool for course performance tracking, leveraging object-oriented design to process and visualize data.

EDUCATION

Diploma in Information Technology

Polytechnic University of the Philippines | 2022 - 2025 | Consistent President's Lister, GWA: 1.27

CERTIFICATIONS

- Computer Systems Servicing NC II
- Visual Graphics Design NC III
- Java Programming